Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

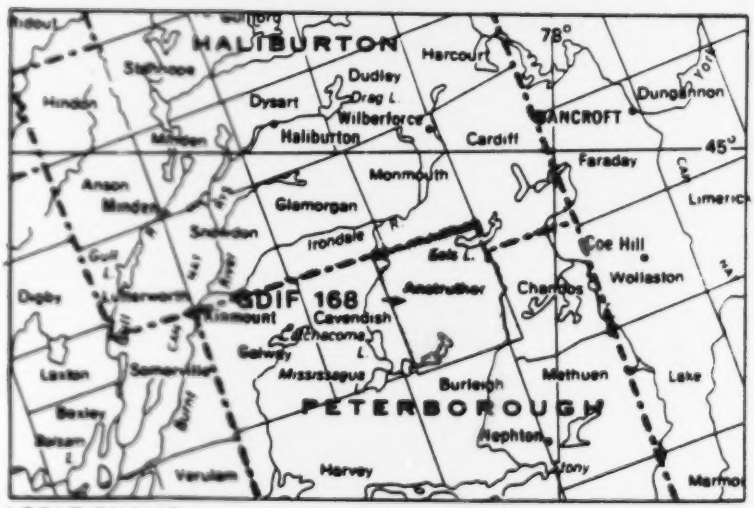
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 168

ANSTRUTHER TOWNSHIP

COUNTY OF PETERBOROUGH

Compiled by the Staff of
the Resident Geologist's Office
Bancroft



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 31D/16

Mining Claim Map Number M.45

This inventory was aided by the Ontario Ministry of Natural Resources Section 38 Special Employment Program, Bancroft.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1984: Anstruther Township, Peterborough County; Ontario Geological Survey, Geological Data Inventory Folio 168, compiled by the staff of the Resident Geologist's office, Bancroft, 68p. and 3 maps.

Original Compilation by: Karen Fell, Peggy Hogarth, John Pollak, Karen Bellamy, Charmaine Devitt, Chris Altoft, Arlene Wilkinson

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map – 2 Maps

Exploration Data Map – 1 Map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	P.H.
2	Assessment Files Research Office, Toronto		
3	ODM General Index, 8 volumes	Yes	K.F.
4	Catalogue of Airborne Geophysical Surveys (ODM)		
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	K.F.
6	ODM Industrial Mineral Reports	Yes	K.F.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	K.F.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)		
9	Newspaper Clippings File		
10	GSC Index to Publications	Yes	K.F.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	K.F.
12	OGS Index Maps	Yes	K.F.
13	Source Mineral Deposit Records (O.G.S.) & M.D.I.R.'S (OGS)	Yes	K.F.
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	Yes	K.F.
16	ODM Geological Circulars: OGS Study Series	Yes	K.F.
17	ODM Preliminary Reports: ODM Bulletins	No	K.F.
18	ODM – OGS Open File Reports	Yes	K.F.
19	OGS Northern Ontario Engineering Geology Terrain Studies	No	K.F.
20	OGS Aggregate Resources Inventory Papers	No	K.F.
21	OGS Mineral Potential Maps	Yes	K.F.
22	OGS Guidebook Series	Yes	K.F.
23	OGS Mineral Policy Background Papers	No	K.F.
24	OGS Occasional Papers	No	K.F.
25	OGS Papers	No	K.F.
26	OGS/OMNR Annual Statistical Reports	Yes	K.F.
27	OGS Industrial Mineral Background Papers (1-3)	No	K.F.
28	OGS Geophysical Reports	N.A.	K.F.
29	DEMR/ National Mineral Inventory Cards	Yes	K.F.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anns . . . . . Annabergite
- ▲ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- ▲ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- △ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- ▲ fel . . . . . .Feldspar
- ▲ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . .Galena
- △ gt. . . . . .Garnet
- △ goe . . . . . .Goethite
- △ Au . . . . . Gold
- ▲ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . .Ilmenite
- ▲ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- ▲ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- ▲ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- ▲ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . .Platinum
- △ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- ▲ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss. . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . .Shale
- △ sid . . . . . Siderite
- △ si . . . . . .Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod. . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd. . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- ▲ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- ▲ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- ▲ zr. . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record & MDIR(SO)	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	ANSTRUTHER - DUNCAN GROUP - Lot 22, Con 18 N 1/3	U	S01061 329		OGS Maps: P2422, 1957b GSC Maps: 146G OGS AR Vol. 65-6 p.143 OGS OFR 5311 p.446 NMI #31D/16 U31 GSC Ec.Geol.Ser. #16(1962) p.247 Northern Miner Article: Mar.8/56 Anstruther Assess File #13, 31
B	ANSTRUTHER TOWNSHIP - Lot 39, Con 17	ap			OGS Maps: P2567 OGS OFR 5425 p.6 GSC Memoir #6 p.199
C	ANSTRUTHER TOWNSHIP - Lot 3, Con 17	fe1			OGS Maps: P2567 OGS OFR 5425 p.87 Anstruther Assess Files #9, 76, 77 & #75
D	ANSTRUTHER TOWNSHIP - Lot 22, Con 3	f1			OGS Maps: P2567, P2423 OGS OFR 5425 p.94 Anstuther Assess Files #4, 6
E	ANSTRUTHER & BELMONT TOWNSHIP OCCURRENCE (JONES) - Lot 24, or 25, Con 14	mo		MRC 7 p.53	OGS Maps: 1957b OGS AR Vol 12 p.56 OGS AR Vol. 26 p.287 NMI #506336 GSC Memoir #6 p.351

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
F	NEWKIRK MINING CORP. (POLE STAR MINES) - Lot 26-27, Con 1	U, Th, RE zr		IMR 21 p.55	OGS AR Vol. 65-6 p.158 GSC Ec.Geol.Ser. #16(1962) p.247 Burleigh Township Assess File #16
G^1 G^2	AUBELLE MINES LTD. (HYDRA EXPLORATIONS LTD) - Lot 19, Con 1 N½ - Lot 25, Con 2 N½	U U	S01317 330	MRC 4 p.55	OGS Maps: 1957b, P2423 GSC Maps: 103G, 146G OGS AR Vol. 65-6 p.143 NMI #31D/9, 31D/16 U6 OGS OFR 5311 p.448-449 GSC Ec.Geol.Ser. #16(1962) p.246 DEMR/Min.Res.Div.;Corp.Files: "Hydra Explorations Ltd." "Glenn Explorations Ltd." Anstruther Township Assess Files # 5, 18, 29, 28, 41, 42
H	AVILLABONA - Lot 21, Con 4 N½	U, Th	S01318 331		OGS Maps: P2423, 1957b GSC Maps: 146G OGS AR Vol. 65-6 p.145-146 NMI #31D/16 U32 OGS OFR 5311 p.450 GSC Ec.Geol.Ser. #16(1962) p.247 W.G. Hainsworth (1955) - Report for Avillabona Mine Anstruther Township Assess. Files # 1, 3, 12, 19, 30

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
I	BLOTT PROPERTY - Lot 8, 9, 10, Con 1?	U			H.D. Meyn Field Trip Report 1982 Anstruther Township Assess. File # 78, 79, 80, 81
J	BRUNSMAN MINES LTD. (CAMINDEX MINES LTD.) (GLENN EXPLORATIONS LTD.) - Lot 26-27, Con 4 N½	U, Th, fl	S01319 332	IMR 21 p.55	OGS Maps: P2423, 1957b, P607 P2567 GSC Maps: 46G OGS AR Vol. 65-6 p.146-147 OGS OFR 5311 p.451 OGS OFR 5425 p.94 NMI #506811 U8 GSC Ec.Geol.Ser. #16(1962) p.247 DEMR/Min.Pol.Sec.;Corp. File: "Camindex Mines Ltd." W.G. Hainsworth (1955) - Report for Brunsman Mine Ltd. AFRO Tech File #63A.516 Anstruther Township Assess Files # 4, 6, 17, 22, 53, 54, 87
K[1]	EL SOL GOLD MINES LTD. - Pt Lots 29-35, Con 9, 10, 1 (pt located Lot 33, Con 11)	U, zr	S01068 333		OGS Maps: 1957b, P2422 GSC Maps: 146G OGS AR Vol. 65-6 p.147-148 OGS OFR 5311 p.453 NMI #310/16 U33 GSC Ec.Geol.Ser. #16(1962) p.247 W.G. Hainsworth (1955) - Report for El Sol Gold Mines Ltd. Anstruther Township Assess Files # 7, 14, 49, 51, 61, 71, 73, 85

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MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
K[2]	EL SOL GOLD MINES LTD. cont'd (IMPERIAL OIL) - Lot 31-33, Con 9	U, zr			Anstruther Township Assess Files # 7, 14, 49, 57, 71, 73, 74
L	FARCROFT MINES LTD. (GLENN EXPLORATIONS LTD.) (CAMINDEX LTD.) (BATHWICK MINES LTD.) - Lots 22-28, Con 3 - Lots 23-27, Con 4 S½ (pt located Lot 24,Con 3)	U, Th	S01316 334	IMR 21 p.55 MRC 4 p.53-54	OGS Maps: P2423, 1957b, P607, P2205 GSC Maps: 146G OGS AR Vol. 65-6 p.148-150 OGS OFR 5311 p.454-455 NMI #065011 U GSC Ec.Geol.Ser. #16(1962) p.247 DEMR/Min.Pol.Sec.;Corp.File: "Glenn Explorations Ltd." Northern Miner Articles: Aug. 3/67 p.16, Mar. 30/78 Various newspaper articles: 1977-78 W.G. Hainsworth (1955) - Report for Farcroft Mines Ltd. Oct.29 1955 AFRO Tech File #63A.516 Anstruther Township Assess Files #20, 43, 25, 24, 42, 46, 52, 22, 84, 85
M	FIN RESOURCES - Lot 3-6, Con 18 (N½ Lot 5, Con 18 pt located)	U, Th	S01063 327		OGS Maps: P2422, 1957b GSC Maps: 146G OGS AR Vol. 65-6 p.77-78 OGS OFR 5311 p.456-457 Anstruther Twp.Assess Files #11,

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	FIN RESOURCES cont'd				Anstruther Township Assess Files #32, 50, 59, 62, 75, 76, 77
N	GARLAND MINING & DEVELOPMENT CO. LTD. (AMALGAMATED MINING & DEVELOPMENT CO. LTD.) - Lot 5-6, Con 18 (pt located Lot 6, Con 18)	U, RE, Th	S01064 335	IMR 21 p.55 MRC 4 p.53	OGS Maps: P2422, 1957b, P2205 GSC Maps: 146G OGS AR Vol. 65-6 p.150-151 NMI #506858 U60 GSC Ec.Geol.Ser. #16(1962) p.247 GSC Paper 80-18 p.389 Anstruther Township Assess File #11, 32, 26, 66, 75, 76, 77,
O	HIGGINS URANIUM MINES CO. LTD - Lot 2, Con 10 N½	U, Th, zr	S01320 337	MRC 4 p.54 IMR 21 p.55	OGS Maps: P2422, 1957b GSC Maps: 146G OGS AR Vol. 65-6 p.152 OGS OFR 5311 p.459 NMI #31D/16 U17 GSC Ec.Geol.Ser. #16(1962) p.247 Anstruther Township Assess File # 33
P	A. L KEMP (ANSTRUTHER PROPERTY) (NATHEN ALLEN) - Lot 32-34, Con 17	U, Th	S01062 338	IMR 21 p.55 MRC 4 p.55	OGS Maps: 1957b, P2422 GSC Maps: 146G OGS AR Vol. 67-2 p.145 OGS OFR 5057 p.72-73 NMI #31D/16 U15 Anstruther Township Assess File #15, 35

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MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Q	KERR ADDISON GROUP A - Lot 38, Con 14	U, Th	S01321 1153		OGS Maps: P2422, 1957b GSC Maps: 146G Anstruther Township Assess File #56
R	KERR ADDISON GROUP C - Lot 33-34, Con 11 N - Lot 33-35 Con 12 S	U	S01322 1150		OGS Maps: 1957b, P2422 GSC Maps: 146G Anstruther Township Assess File #7, 14, 55, 56, 58, 60, 61, 83
S	NEWKIRK (A GROUP) - Lot 29, Con 6 - Lot 21-33, Con 5-8	U, Th	S01069 339		OGS Maps: P2423, 1957b GSC Maps: 146G OGS AR Vol. 65-6 p.153 OGS OFR 5311 p.460 NMI #31D/16 U16 E.G. Hainsworth (1955) - Report for Newkirk Mining Corp. Dec. 28/55 Anstruther Township Assess File #1, 16, 53, 54, 56, 51, 84
T	PARKS - Lot 38, Con 1	gf		IMR 20 p.43	OGS Maps: 52a, 1957b, P2205, P2423, P2567 GSC Maps: 770 OGS AR Vol. 52-2 p.43 OGS OFR 5425 p.131 GSC Memoir #6 p.370

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Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
U	SEYMOUR (KENNETH ANNESLEY PROPERTY) (WEBSTER) (WEBSTER ANNESLEY) - Lot 4, Con 17	U	1323 340		OGS Maps: P2422, 1957b GSC Maps: 146G OGS AR Vol. 65-6 p.153-154 GSC Ec.Geol.Ser. #16(1962) p.247 Anstruther Township Assess File #9, 75, 76, 77
V	STONY CREEK PROPERTY (GRAY WOLF) - Lot 2, Con 9 N½ - Lot 3, Con 9 N½	U, Th, zr	S01065 336	IMR 21 p.55 MRC 4 p.54	OGS Maps: P2422, 1957b GSC Maps: 146G OGS AR Vol. 65-6 p.151-152 OGS OFR 5311 p.458 NMI 31D/16 U64 GSC Ec.Geol.Ser. #16(1962) p.247 Anstruther Township Assess File #34
W	TORY HILL (BARTON) (BIRON BAY GOLD MINES) - Lot 26, 27, 28, 29, 30 Con 14, 15 S½	Fe, (mag)	S01324 1042	MRC 11 p.286	OGS Maps: P2422, 1957b, P607 GSC Maps: 146G ODM I.O. (1923) p.222 NMI #512972 FE5 DEMR/CANMET #217 p.114 DEMR/Min.Dev.Sec.; Corp. Files: "Biron Bay Gold Mines Ltd." Northern Miner Articles: Vol. 58 p.5 (1973) Vol. 58 #29 p.16 (1972) Vol. 60 #12 p.20 (1974) Vol. 60 #33 p.11 AFRO Tech Files #63.2931, 63.3166

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MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	TORY HILL cont'd				Anstruther Township Assess Files #6, 7, 37, 39, 40, 36, 38, 46, 44,
X[1]	TRITON-BRITCO-TETRA - Lot 10, Con 3 N½ (includes Lot 9-12, Con 4) (" " 9-15, Con 3)	U	1066 1096		OGS Maps: P2423, 1957b, GSC Maps: 103G Anstruther Township Assess File #10
X[2]	- Lot 14, Con 2 N½ (includes Lot 13-15, Con 2 N½)	U			
Y	ZENMAC METAL MINES LTD. (LOON CALL) (NEWKIRK B GROUP) - Lot 17-18, Con 1	U, Th, zr mo, cp	1067 341	IMR 21 p.55 MRC 4 p.56	OGS Maps: P2423, 1957b, P607 GSC Maps: 103G OGS AR Vol. 65-6 p.154-155 OGS OFR 5311 p.461-462 NMI #065010 GSC Ec.Geol.Ser. #16(1962) p.246 DEMR/Min.Pol.Sec.; Corp. Files: "Cammex Mines Ltd." AFRO Tech File #63.516 Anstruther Township Assess File #2, 8, 21, 22, 23, 25, 27, 41, 45 Northern Miner Article: Jan. 25/68 p.3 See GDIF Burleigh Twp. Occ. T Newkirk B Group

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Z	APSLEY OCCURRENCE - Lot 21, S½, Lot 22-25, Con 1	U			OGS Maps: 1957b OGS OFR 5311 p.447 Anstruther Township Assess File #22, 48, 63, 64, 65
*	R. HALLIDAY - Lot 36, Con 11	U			GSC Ec. Geol.Ser. #16(1962) p.247
AA	BIRON BAY GOLD MINES LTD. (NORTH ZONE) - Lot 28, Con 16	mag, mon			Anstruther Township Assess File #46, 47
	* This occurrence not plotted on map because of insufficient information.				

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	NEWKIRK MINING CORP. LTD/ H. PARLIAMENT M.E. Greaves	54 55				55		54 55						54 55						
2	NEWKIRK MINING CORP. LTD/ H. PARLIAMENT	54						54						54						
3	AVILLABONA MINES LTD./ H.E. MARTIN H. Parliament	54						54						54						
4	FARCROFT MINES LTD./ H.E. MARTIN S.S. Szetu	54						54						54						
5	AUBELLE MINES LTD./ H.E. MARTIN M.E. Greaves & H. Parliament	54		54		54		54						54						
6	BRUNSMAN MINES LTD./ H.E. MARTIN M.E. Greaves & E.P. Sheppard	54				54		54						54						
7	EL SOL GOLD MINES LTD./ H.E. MARTIN W.G. Hainsworth	54				54		54						54						
8	ZENMAC METAL MINES LTD. M.E. Greaves	55						55						55						
9	SEYMOUR MINING COMPANY LTD. J.J. Hodgson	55				55		55						55						

GDIF FORM NO. 2

ANSTRUTHER TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
10	TRITON URANIUM MINES LTD./ BRITCO OIL CO. LTD./ TETRA URANIUM MINES LTD.	55						55												
11	GARLAND MINING AND DEVELOPMENT CO. LTD. L. Germain	55		55		55		55						55						
12	AVILLLABONA MINES LTD./ H.E. MARTIN M.E. Greaves	55						55						55						
13	G.M. DUNCAN CLAIMS/ A.L. JONES C.S. LENNOX E.P. Sheppard	55						55				55		55						
14	EL SOL GOLD MINES LTD. W.G. Hainsworth	54			54 55	55								54						
15	NATHEN ALLEN PROPERTY George Farr			57	57															
16	NEWKIRK MINING CORP. LTD. W.G. Hainsworth			55	55															
17	BRUNSMAN MINES LTD./ H.E. MARTIN W.G. Hainsworth				55	55														

GDIF FORM NO. 2

14 ANSTRUTHER TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY				
18	AUBELLE MINES LTD./ H.E. MARTIN N. Campbell				55	55		55													
19	AVILLABONA MINES LTD./ H.E. MARTIN W.G. Hainsworth				54	54															
20	FARCROFT MINES LTD. W.G. Hainsworth				55	55															
21	ZENMAC METAL MINES LTD. N. Campbell				55																
22	GLENN EXPLORATIONS LTD./ RICHARD JEFF & JOHN LILL							67													
23	GLENN EXPLORATIONS LTD./ ZENMAC PROPERTY R.L.V. Ekstrom				67 68																
24	GLENN EXPLORATIONS LTD./ FARCROFT PROPERTY R.L.V. Ekstrom				67																

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
25	GLENN EXPLORATIONS LTD. E.A. Tagseth				68			68												
26	NEW REDWOOD GOLD MINES LTD. R. Strong				68	68														
27	GLENN EXPLORATIONS LTD. R.L.V. Ekstrom				69			69												
28	GLENN EXPLORATIONS LTD. E. Tagseth	69						69				69		69						
29	AUBELLE MINES LTD./ H.E. MARTIN				55	55		55												
30	AVILLABONA MINES LTD./ H.E. MARTIN				55	55														
31	ANSTRUTHER RARE METALS CO. LTD S.S. Szetu				56	56														
32	GARLAND MINING AND DEVELOPMENT CO. LTD. Leonard Germain	56		56	56	56		56												
33	HIGGINS URANIUM MINES LTD. J.J. Harris				55															

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
34	GRAY WOLF EXPLORATION CO. LTD.				56															
35	NATHEN ALLEN PROPERTY A.L. Kemp				57															
36	T.E. BARTON PROPERTY BIRON BAY GOLD MINES LTD. Ross Kidd				71															
37	BIRON BAY GOLD MINES LTD. Ross Kidd				71	71		71 72												
38	BIRON BAY GOLD MINES LTD. T.E. BARTON PROPERTY S.W. Evans				72	72														
39	BIRON BAY GOLD MINES LTD. S.W. Evans				72	72														
40	BIRON BAY GOLD MINES LTD. Ross Kidd							72				72								
41	CAMINDEX MINES LTD. E.A. Chartes							74				74	74							

ANSTRUTHER TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
42	CAMINDEX MINES LTD. E.A. Chartre							74				74	74							
43	CAMINDEX MINES LTD. R.L.V. Ekstrom				69	69														
44	BIRON BAY GOLD MINES LTD. S.W. Evans							73 74												
45	CAMINDEX MINES LTD. R.L.V. Ekstrom				67	68		74												
46	BIRON BAY GOLD MINES LTD. Ross Kidd				74															
47	BIRON BAY GOLD MINES LTD. Ross Kidd											75								
48	ST. JOSEPH EXPLORATIONS LTD. APSLEY PROPERTY	76						76						76						
49	IMPERIAL OIL LTD. Z. Hasan	76						76												
50	FIN RESOURCES INC. H.G. Harper	76						76				76		76						

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 88 for 1988.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
51	IMPERIAL OIL LTD. EELS CREEK CLAIMS Z. Hasan	76																		
52	IMPERIAL OIL LTD. CAMP CREEK CLAIMS Martin Lenters	76						76						76						
53	KERR ADDISON MINES LTD. D.M. Hendrick	76	76					76						76						
54	KERR ADDISON MINES LTD. D.M. Hendrick		76					76						76						
55	KERR ADDISON MINES LTD. D.M. Hendrick													76						
56	KERR ADDISON MINES LTD. D.M. Hendrick		76					76						76						
57	IMPERIAL OIL LTD.	75		76																
58	KERR ADDISON MINES LTD. D.M. Hendrick				77															

GDIF FORM NO. 2

ANSTRUTHER TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
59	FIN RESOURCES LTD. H.G. Harper	76						76				76		76						
60	KERR ADDISON MINES LTD. E.C. Jacka				77	77														
61	IMPERIAL OIL LTD. EELS CREEK PROPERTY Zia Hasan				77															
62	FIN RESOURCES INC. H.G. Harper	76			77	77		77												
63	ANSTRUTHER AND BURLEIGH TOWNSHIP PROPERTIES J.M. Cormie							59												
64	NEWKIRK MINING CORP. LTD.	54																		
65	ST. JOSEPH EXPLORATIONS LTD. R.G. Jackson		77			77		77												
66	ROY NEWMAN COPPER LAKE EXPLORATIONS LTD.	77			77	77														

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
67	WILLIAM BLOTT	76						76												
68	WILLIAM BLOTT	76						76												
69	SIMON JOHN HAYNES			77																
70	SIMON JOHN HAYNES			77																
71	ESSO MINERALS CANADA IMPERIAL OIL LTD. S. Watters	76						76						76						
72	WILLIAM BLOTT			78																
73	IMPERIAL OIL LTD. Sheila Watters				77 78															
74	IMPERIAL OIL LTD. Sheila Watters	78						78						78						
75	COPPER LAKE EXPLORATIONS LTD. R.E. Schaaf	77						77												

GDIF FORM NO. 2

ANSTRUTHER TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
76	COPPER LAKE EXPLORATIONS LTD. R.E. Schaaf													77						
77	COPPER LAKE EXPLORATIONS LTD. R.E. Schaaf		77																	
78	WILLIAM BLOTT				79															
79	WILLIAM A. BLOTT	76			79															
80	WILLIAM A. BLOTT				79 80			79 80												
81	WILLIAM A. BLOTT				79			79												
82	WILLIAM A. BLOTT				80			80												
83	ESSO RESOURCES CANADA LTD. Sheila Walters	79						79 80						79						
84A	NORTHGATE EXPLORATIONS LTD D. Burton, P. Dadson, W. Webber	78 79	79			79		79						78 79						

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TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE BANCROFT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
84B	NORTHGATE EXPLORATIONS LTD.	79												79						
85	ESSO RESOURCES OF CANADA LTD. Sheila Watters				78	78														
86	NORTHGATE EXPLORATIONS LTD. R. Zinn	80			81	81		81												
87	NORTHGATE EXPLORATIONS LTD. R. Zinn				81	81		81												
	CARDIFF TOWNSHIP FILES																			
185	KERR ADDISON MINES LTD. B.C. Asborx													77						

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	NEW REDWOOD GOLD MINES LTD. (File 26)	S-1	May /68	270	-45		130		URANIUM
1	NEW REDWOOD GOLD MINES LTD. (File 26)	S-2	May /68	270	-45		104		
1	"	S-3	June /68	N30 W	-45		136		
2	GARLAND MINING AND DEVELOPMENT CO. LTD. (File 32)	G-1	Feb.14/56	N30 W	-45	12	151		
2	"	G-2	Feb.20/56	N30 W	-45	6.1	150		URANIUM
2	"	G-3	Feb.23/56	N30 W	-45	5	140		"
2	"	G-4	Feb.27/56	N30 W	-45	6	153		"
2	"	G-5	Feb.29/56	N30 W	-45	7	150		"
2	"	G-6	Mar. 2/56	N30 W	-45	8	149		"
2	"	G-7	Mar. 5/56	N30 W	-45	8	136		"
2	"	G-8	Mar. 6/56	N30 W	-45	18	149		"

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
2	GARLAND MINING AND DEVELOPMENT CO. LTD. (File 32)	G-9	Mar 8/56	N30 W	-45		150		URANIUM
2	"	G-10	Mar.11/56	N30 W	-45	6	153		
2	"	G-11	Mar.15/56	N30 W	-45	13	152		URANIUM
2	"	G-12	Mar.17/56	N30 W	-45	14	159		
3	FIN RESOURCES INC. (File 62)	F77-1	May 6/77	N37 W	-45	9	717		URANIUM THORIUM
3	"	F77-2	June 6/77	N37 W	-55	11	570		"
4	COPPER LAKE EXPLORATIONS LTD. (File 66)	CL-13	June 9/77	S65 W	-42	6	56.3		URANIUM
4	"	CL-14	June14/77	S65 W	-55	4	60.0		"
4	"	CL-15	June 13/77	S45 W	-39	7.5	75.5		"
5	"	CL-16	June21/77	N28 30'W	-45	10.8	215.0		"
5	"	CL-17	June27/77	N28 30'W	-60	8.0	237.2		"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
6	COPPER LAKE EXPLORATIONS LTD. (File 66)	CL-18	July15/77	N60 W	-40	14.4	362		URANIUM
6	"	CL-19	July26/77	N60 W	-40	3.5	61.9		"
7	BIRON BAY GOLD MINES LTD. (File 36)	2	Nov. 3/71		-45	9	104	MAGNETITE	
8	"	3	Nov. 8/71		-45	7	106	"	
8	BIRON BAY GOLD MINES LTD. (File 38)	72-5	1972		-65	5	389	"	IRON
9	BIRON BAY GOLD MINES LTD. (File 39)	72-2	Sept. 5/72	N20 W	-45	5	289	"	"
9	"	72-3	Sept.16/72	N22 W	-45	10	340	"	"
9	"	72-4	Sept.22/72	N19 W	-45	13	322	"	"
10	BIRON BAY GOLD MINES LTD. (File 46)	74-1	Aug.21/74	0	-45	12	495	"	
10	"	74-2	Sept. 6/74		-45	21	303.6	"	

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
10	BIRON BAY GOLD MINES LTD. (File 46)	74-3	Sep. 6/74	0	-45	7.5	335	MAGNETITE	
10	"	74-4	Sep.16/74	0	-65	2.0	451	"	
10	"	74-5	Sep.19/74	0	-45	2.0	453.3	"	
10	"	74-6	Sep.27/74	0	-45	11	300	"	
10	"	74-7	Sep.30/74	0	-45	14	305	"	
10	"	74-8	Oct. 7/74	0	-45	3.2	507.3	"	
10	"	74-9	Oct. 9/74	0	-45	13.8	350	"	
10	"	74-15	Oct.20/74	0	-65	11.1	150	"	
11	"	74-10	Oct.13/74	320	-45	7.2	205	"	
11	"	74-11	Oct.24/74	324	-45	12	200.5	"	
11	"	74-12	Oct.17/74	342	-45	8.9	200	"	

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
11	BIRON BAY GOLD MINES LTD. (File 46)	74-13	Oct.21/74	342	-45	11.1	208	MAGNETITE	
12	"	74-21	Nov.11/74	199	-30	3.4	200	MAGNETITE MONZONITE	
12	"	74-22	Nov.19/74	19	-30	5	235	"	
12	"	74-23	Nov.12/74	199	-30	14	147	"	
13	ANSTRUTHER RARE METALS CO. LTD. (File 31)	1	Mar. /56	N37 45'W	-45	0	700		
14	"	2	Mar. /56	124	-45	15	723		URANIUM
15	ANSTRUTHER RARE METALS CO. LTD. (File 31)	3	Mar.22/56	207	-45	9	603		"
16	NATHEN ALLEN PROPERTY (File 15)	1	June /57	N20 E	-45	4	295		
16	"	2	June /57	N20 E	-60	3	237		
16	NATHEN ALLEN PROPERTY (File 35)	3	June /57	S75 W	-45	5	252		
17	"	4	June /57	N38 E	-45	7.5	503		

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
17	NATHEN ALLEN PROPERTY (File 35)	5	1957	N50 W	-40	2	80		
17	"	6	1957	N25 W	-60	3	81.5		
18	"	7	June /57	N25 W	-60	10	265		
19	KERR ADDISON MINES LTD. E.C. JACKA (File 60)	K77-3	APR.27/77		-45	6'	349.5	URANIUM	URANIUM
20	KERR ADDISON MINES LTD. (File 58)	K77-2	APR.14/77		-45	6.7	396.5		
21	EL SOL MINES LTD. (File 14)	Ex-100	Nov.28/54	N85 W	Flat 0	-	52		
21	EL SOL MINES LTD. (File 14)	Ex-101	Nov.29/54	N50 W	Flat 0	-	40		
21	"	Ex-102	Nov.30/54	S60 W	Flat 0	-	42		
21	"	Ex-103	Dec. 1/54	N85 W	-30	-	41		
22	"	E-1	Dec. 6/54	S72 W	-30	22.0	350		URANIUM
23	"	E-2	Dec.13/54	S72 W	-30	5	330		"

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
23	EL SOL GOLD MINES LTD. (File 14)	E-3	Dec.19/54	S72 W	-30	6	300		
24	"	E-4	Jan. 6/55	S78 30'W	-30	14	365		URANIUM
24	"	E-5	Jan.11/55	S78 30'W	-30	6	366		"
24	"	E-6	Jan.17/55	S78 30'W	-31 30'	9	366		"
25	"	E-7	Jan.26/55	N86 W	-30	10	360		"
25	"	E-8	Feb. 1/55	N86 W	-30	6	325		"
25	"	E-9	Feb. 6/55	N86 W	-30	12	540		"
26	"	E-10	Sep.24/55	N70 W	-30	7	203		
26	"	E-11	Nov. 4/55	N70 W	-45	-	30		
27	IMPERIAL OIL LTD. (File 61)	1	Aug.17/77		-90	3.5	50		
27	"	2	Aug.17/77		-90	2.3	60		

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
28	IMPERIAL OIL LTD. (File 61)	3	Aug.18/77		-90	1.3	71		
29	NEWKIRK MINING CORPORATION LTD.	1	Sep. 7/55	N47 W	-30	10	309		URANIUM
29	NEWKIRK MINING CORP. LTD. (File 16)	2	Sep. /55	N47 W	-30	7	153		"
29	"	2A	Sep. /55	N47 W	-40	7	51		"
30	"	3	Oct. /55	N47 W	-30	7	448		"
31	"	4	Oct. /55	N47 W	-30	9	452		"
31	"	5	Oct. /55	N47 W	-30	10	501		"
31	"	6	Oct. /55	N47 W	-30	45	395		"
31	"	7	Oct. /55	N47 W	-30	8	155		"
32	"	8	Oct. /55	N47 W	-30	7	502		"
32	"	9	Oct. /55	N47 W	-30	5	502		"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
32	NEWKIRK MINING CORP. LTD. (File 16)	10	Oct. /55	N47 W	-30	19	503		URANIUM
33	"	11	Nov. /55	N47 W	-30	14	450		"
33	"	12	Oct. /55	N47 W	-30	13	450		"
34	"	13	Nov. /55	N47 W	-30	11	400		"
34	"	14	Nov. /55	N47 W	-30	8	505		"
35	"	15	Nov. /55	N47 W	-30	8	383		"
36	"	16	Nov. /55	N47 W	-30	12	321		"
37	"	17	Nov. /55	WEST	-30	6	500		-
38	BRUNSMAN MINES LTD. H.E. MARTIN (File 17)	B 1	Feb. /55	N48 W	30	4	364	GARNETIFEROUS	URANIUM
38	"	B 2	Feb. /55	N48 W	30	10	361		"
38	"	B 3	Mar. /55	N48 W	29	42	501	GARNETIFEROUS	"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
38	BRUNSMAN MINES LTD. H.E. MARTIN (File 17)	B 4	Mar. /55	N48 W	-30	20	254		URANIUM
38	"	B-5	Mar. /55	N48 W	31	7	250.0'		"
38	"	B-6	Mar. /55	N48 W	30	23	306		"
38	"	B-10	Apr. /55	N48 W	30	7	250	GARNETIFEROUS	"
38	"	B-11	Apr. /55	N48 W	30	27	302.01		"
38	"	B-12	Apr. /55	N48 W	30	9	252		"
39	"	B-7	Mar. / 55	W	45	12	251		"
39	"	B-8	Mar. /55	W	45	6	250		"
39	"	B-9	Apr. /55	W	45	4	254		"
39	"	B-13	Apr. /55	W	45	5	303		"
40	"	B-14	Apr. /55	N48 W	30	10	363		"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
40	BRUNSMAN MINES LTD. H.E. MARTIN (File 17)	B-15	May /55	N48 W	45	7	360		URANIUM
41	"	B-16	May /55	N48 W	30	7	364	GARNETS	"
41	"	B-17	May /55	N48 W	31	7	361		"
42	"	B-18	June/55	N48 W	30	7	364		"
43	"	B-19	June/55	N48 W	30	5	365		
43	"	B-20	June/55	N48 W	30	8	363		URANIUM
44	"	B-21	June/55	N48 W	30	3	365		"
45	AVILLABONA MINES LTD. H.E. MARTIN (File 30)	A-10	Oct. /55	N47 W	30	10	403		
45	"	A-11	Oct. /55	N47 W	30	3	400		
46	"	A-12	Oct. /55	N47 W	45	7	400		
46	"	A-13	Oct. /55	N47 W	30	6	401		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
47	AVILLABONA MINES LTD/ H.E. MARTIN (File 30)	A-8	Sept./55	N47 W	30	14	400		
47	"	A-9	Sept./55	N47 W	35	4	400		URANIUM
48	"	A-6	Sept./55	N47 W	30	8	403		
48	"	A-7	Sept./55	N47 W	30	6	503		
49	AVILLABONA MINES LTD./ H.E. MARTIN (File 19)	A-1	Oct. /54	N	31	6	311.5		URANIUM
50	"	A-2	Oct./54	?	?	12	308		"
51	"	A-3	?	N	35	10	300		"
51	"	A-4	?	N	30	12	303		"
51	"	A-5		N	30	6	301		"
52	ZENMAC METALS MINES LTD. N. CAMPBELL (File 21)	Z1	June /55	N35 W	40	2	403.8	URANIUM	"
52	"	Z6	July /55	N35 W	40	5	402.0	"	"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
52	ZENMAC METAL MINES LTD. N. CAMPBELL (File 21)	Z7	July /55	N35 W	40	2	413	URANIUM	URANIUM
52	"	Z5	July /55	N35 W	40	5	400	"	"
53	"	Z8	July /55	N35 W	40	11	270	"	"
53	"	Z9	July /55	N35 W	40	6	286	"	"
54	"	Z2	June /55	N35 W	40	15	407	"	"
54	"	Z3	June /55	N35 W	40	4	405	"	"
54	"	Z4	June /55	N35 W	40	4	402	"	"
55	"	Z17	Sept./55	N35 W	40	10	296	"	"
55	"	Z16	Aug. /55	N35 W	40	7	259	"	"
55	"	Z15	Aug. /55	N35 W	40	10	257	"	"
55	"	Z14	Aug. /55	N35 W	40	5	255	"	"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
55	ZENMAC METAL MINES LTD. N. CAMPBELL (File 21)	Z13	Aug. /55	N35 W	40	7	258	URANIUM	URANIUM
55	"	Z12	Aug. /55	N35 W	40	6	303	"	"
56	"	Z11	Aug. /55	N35 W	40	5	252	"	"
56	"	Z19	Nov. /55	N35 W	5	6	496	"	"
56	"	Z18	Oct. /55	N35 W	40	6	273	"	"
56	"	Z10	Aug. /55	N35 W	40	6	262	"	"
57	GLENN EXPLORATIONS LTD. ZENMAC PROPERTY (File 23)	G30	Sept /67	N39 01'48" E	44	14	921		
57	"	G31	Sept /67	N39 01' 41"E	44	20	1,230		
57	"	G32	Oct. /67	NS 36' 10"E	- 50	16	881		
58	"	G33	Oct. /67	N1 30' 27" E	- 63	12	1,340		
58	"	G34	Nov./67	N0 29' 23" E	58½	4	1,446		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
58	GLENN EXPLORATIONS LTD. ZENMAC PROPERTY (File 23)	G 37	Mar. /69	N26 W	-65½		604		
59	"	G 38	Mar. /69	N1 45 E	-62		531		
59	"	G 26	July /67	N12 8'32" W	-45	6	479.5		
59	"	G 27	July /67	N30 06' 34" W	-44	5	483.0		
59	"	G 28	Aug./67	N23 06' 51 W	-77	5	524		
59	"	G 29	Aug./67	N60 15' 34" W	-40 30'	12	570		
59	"	G 20	June/67	N64 30' E	-81	13	151		
60	GLENN EXPLORATIONS LTD. (File 27)	G-35	Mar.21/69	N2 5E	-61	41	622		
61	"	G-36	Mar.11/69	N0 21W	-73	63	594		
62	"	FG-142	May 1/69	N11 03'W	-58	8	595		
63	GLENN EXPLORATIONS LTD. (File 45)	G-21	Jun.13/67	N66 57'E	-45 50'	7	712.4		URANIUM THORIUM
63	"	G-22	Jun.21/67	N35 59' 02" E	-43	8	488		"
63	"	G-25	Jul.12/67	N17 55'E	-65 43'	5	547		"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
63	GLEN EXPLORATIONS LTD. (File 45)	G26	Jul 21 1967	N12°8' 32" W	-45°	6	479.5		URANIUM THORIUM
63	"	G27	Jul 27 1967	N30°06' 34" W	-44°	5	483		"
63	"	G28	Aug 8 1967	N23°06' 51" W	-77°	6	524		"
63	"	G29	Aug 22 1967	N66°15' 54" W	-45°30'	12	570		"
63	"	G33	Oct 15 1967	N1°30' 27" E	-63	12	1340		"
63	"	G34	Nov 13 1967	N0°29' 23" W	-58°25'	4	1446		"
64	"	G30	Sep 6 1967	N39°01' 48" E	-44	14	921		"
64	"	G31	Sep 18 1967	N56°46' 41" E	-44	10			"
64	"	G32	Oct 4 1967	N5°36' 10" E	-50	16			"
65	AUBELLE GOLD MINES LTD.	A5	Jul 6 1955	N35°W	-40	3	400		URANIUM
65	"	A6	Jul 12 1955	N35°W	-40	5	396		"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
65	AUBELLE GOLD MINES LTD. (File 18)	A 7	Jul.20/55	N35 W	-50	8	405.2		URANIUM
65	"	A 8	Aug. 7/55	N35 W	-40	5	407		"
65	"	A 9	Aug.14/55	N35 W	-40	8	408		"
65	"	A 10	Aug.21/55	N35 W	-40	8	419		"
66	FARCROFT MINES LTD. (File 20)	F2	Jan24/55	N47 28'W	-45	6	366		"
66	"	F4	Feb /55	N41 16'W	-45	12	151		"
66	"	F5	Feb /55	N44 15'W	-45	11	204		"
66	"	F6	Feb /55	N46 15'W	-45	5	206		"
67	"	F1	Jan13/55	N47 W	-31	7	360		"
67	"	F 3	Feb. /55	N45 W	-30	50	575		"
68	"	F 7	Feb. /55	N63 09'W	-30	7	204	MAGNETITE	"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
68	FARCROFT MINES LTD. (File 20)	F 8	Mar. /55	N65 W	-31	115	362		URANIUM
68	"	F 9	Mar. /55	N65 W	-45	121	352		"
68	"	F 10	Mar. /55	N65 W	-30	11	300		"
68	"	F 11	Mar. /55	N65 W	-30	7	303	MOYLBDENUM	"
69	"	F 12	Mar. /55	N42 55'W	-45	10	255		"
69	"	F 13	Mar. /55	N49 35'W	-45	6	251		"
69	"	F 14	Apr. /55	N43 43'W	-45	13	251		"
69	"	F 15	Apr. /55	N40 44'W	-46	7	200		"
70	"	F 16	Apr. /55	N40 44'W	-45	9	201		"
70	"	F 17	Apr. /55	N43 35'W	-45	10	257		"
70	"	F 18	Apr. /55	N47 32'W	-45 30'	6	255		"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
70	FARCROFT MINES LTD. (File 20)	F 19	Apr. /55	N47 W	-45	8	301		URANIUM
70	"	F 20	Apr. /55	N47 W	-45	13	401		"
71	"	F 21	Apr. /55	N47 W	-45	9	300		"
71	"	F 22	May /55	N47 W	-45	5	302		"
72	"	F 23	May /55	N47 W	-45	8	303		"
73	"	F 24	May /55	N47 W	-30	10	361		"
73	"	F 25A	Jun. /55	N47 W	-30	8	68		"
73	"	F 25	Jun. /55	N47 W	-29	6	362		"
73	"	F 26	Jun. /55	N47 W	-30	5	363		"
74	GLENN EXPLORATIONS LTD. (File 24)	FG-138	Aug. /67	N7 16' 30" W	-54 30'	22	944		"
74	"	FG-139	Aug. /67	N4 05' 46" W	-55	12	790		"
74	"	FG 137	Jul./67	N1 83 10W	-64		354		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
74	GLENN EXPLORATIONS LTD. (File 24)	FG-140	Sep./67	N	-78	7	707		URANIUM
74	GLENN EXPLORATIONS LTD. (File 25)	FG-141	Mar. 3/68	N39 W	-55	6	573		
75	AUBELLE MINES LTD. (File 29)	A 1	May 30/55	N80 W	-45	15	401	GARNETGNEISS	URANIUM
75	"	A 2	June 4/55	N80 W	-45	20	400	"	"
75	"	A 3	June 9/55	N80 W	-40	12	491		"
75	"	A 4	June18/55	N80 W	-40	5	482		
76	HIGGINS URANIUM MINES LTD. (File 33)	1	May 27/55	S50 W	-55	8	151		
76	"	2	May 27/55	S50 W	-76	5	189		
77	"	3	May 30/55	S55 W	-65	2	150		
77	"	4	June 2/55	S75 W	-35	8	145		
78	"	5	June10/55	N10 E	-55	8	350		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
79	HIGGINS URANIUM MINES LTD. (File 33)	6	June12/55	N20 W	-50	6	346		
79	"	7	June20/55	N20 W		8	51		
79	"	8	June22/55	N45 E	-45	6	306		
80	"	9	June30/55	S30 E	-45	4	500		
81	GRAY WOLF EXPLORATION CO. LTD. (File 34)	1	1956	S40 W	-45		100		
81	"	2	1956	S40 W	-65		92		
81	"	3	1956	S60 W	-35		105		
81	"	3A	1956	S80 W	-60		28		
81	"	4	1956	S60 W	-30		84		
82	"	5	1956	S25 W	-60		98		
83	"	6	1956	S50 W	-30		83		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
83	GRAY WOLF EXPLORATION CO. LTD. (File 34)	7	1956	S50 W	-60		103		
84	CAMINDEX MINES LTD. (File 43)	FG-143	May 3/69	N11 38' 46" W	-43		425		URANIUM
84	"	FG-144	May12/69	N11 59' 27" W	-47 45"		402		"
84	"	FG-145	May19/69	N12 15' 16" W	-41 15"		401		"
85	IMPERIAL OIL LTD. (File 73)	4	Aug.24/77		-90	2.7	60		
85	"	5	Aug.24/77		-90	3.2	40		
85	"	6	Aug.24/77		-90	1.8	50		
86	"	7	Aug.25/77		-90	2	33		
86	"	8	Aug.25/77		-90	1.5	50		
86	"	9	Aug.26/77		-90	5.2	50		
86	"	32	Aug9/78		-90	0.5	120		
87	"	10	Aug26/77		-90	1.8	40		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
88	IMPERIAL OIL LTD. (File 73)	11	Aug.29/77		-90	4	50		
88	"	12	Aug.29/77		-90	1.8	74		
89	"	13	Aug.30/77		-90	1.5	50		
89	"	14	Aug.31/77		-90	4.4	50		
90	"	15	Aug.31/77		-90	2	40		
91	"	16	Sep. 1/77		-90	3.8	50		
92	"	17	Sep. 2/77		-90	2	33		
92	"	18	Sep. 7/77		-90	2	40		
93	"	19	Jul.15/78		-90	1.5	133		
93	"	20	Jul.13/78		-90	3.2	137		
93	"	21	Jul.17/78		-90	2	127		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
93	IMPERIAL OIL LTD. (File 73)	25	July 24 1978		-90	1.1	137		
93	"	28	July 27 1978		-90	1.7	122.3		
93	"	29	July 31 1978		-90	1.5	247		
94	"	22	July 1978		-90	0.5	150		
94	"	24	July 21 1978		-90	2.5	115		
94	"	26	July 24 1978		-90	1.0	91.5		
94	"	27	July 26 1978		-90	1.0	155.5		
94	"	30	July 31 1978		-90	0.4	194		
94	"	31	Aug 31 1978		-90	1.5	132		
95	"	23	July 21 1978		-90	2.2	137		

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
96	IMPERIAL OIL LTD. (File 85)	33	Aug.14/78		-90	-	165.5		URANIUM
96	"	34	Sep. 1/78		-90	0.5	152		"
96	"	35	Sep. 3/78		-90	0.8	135		"
97	NORTHGATE EXPLORATIONS LTD. (File 86)	A81-2	Jan.26/81	295	-45	14	207		"
97	"	A81-3	Jan.28/81	295	-45	24	257		"
97	"	A81-4	Feb. 1/81	295	-45	3	207		"
98	"	A81-6	Feb. 7/81	295	-45	4	256		"
98	"	A81-7	Feb.14/81	295	-45	22	252		"
99	"	A81-11	Feb.21/81	324	-45	6	127	MOLYBDENITE	URANIUM MOLYBDENITE
100	"	A81-12	Mar. 1/81	270	-45	5	207	"	"
100	"	A81-13	Mar. 4/81	270	-45	3	147	"	"

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
101	WILLIAM BLOTT (File 78)	4	Aug.14/79		-90	-	125		
102	WILLIAM BLOTT (File 79)	3	Oct.12/78		-90	-	120		
103	WILLIAM BLOTT (File 80)	C 1	Dec.10/79		-90	-	538		
104	"	C 2	Dec.13/79		-90	-	513		
104	"	C 3	Dec.17/79		-90	-	452		
105	"	C 4	Jan. 3/80		-90	-	356		
106	WILLIAM BLOTT (File 82)	5	Jan.14/80		-90	-	280		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
1	Soil Gas	Radon - Thoron	Copper Lake Explorations Ltd.	File 77
2	Soil Gas	Radon	Kerr Addison Mines Ltd.	File 56
3	Soil Gas	Radon	Kerr Addison Mines Ltd.	File 53
3	Soil Gas	Radon	Kerr Addison Mines Ltd.	File 54
4	Soil Sample	Uranium	St. Joseph Explorations Ltd.	File 65
5	Soil Gas	Radon	Northgate Exploration Ltd.	File 84 A

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Bancroft

NORTHERN-MINER

Camindex Mines Ltd./ Glenn Explorations Ltd. (Farcroft Mines Occurrence)	March 30, 1978

BANCROFT TIMES

Camindex Mines Ltd. (Farcroft Mines Occurrence)	March 29, 1978

PETERBOROUGH EXAMINER

Camindex Mines Ltd.	September 29, 1977 March 23, 1978 March 28, 1978
(Farcroft Mines Occurrence)	October 11, 1977

TORONTO STAR

Camindex Mines Ltd. (Farcroft Mines Occurrence)	October 10, 1977

NOTE

The following clippings are known to pertain to Anstruther Township. These are not on file.

NORTHERN MINER

Biron Bay Gold Mines (Tory Hill Occurrence)	Vol 58 July 13, 1973 Vol 58 October 5, 1972	p. 5 p. 16
(Barton)	Vol 60 June 6, 1974 Vol 60 October 31, 1974	p. 20 p. 11
Anstruther Duncan Group	March 8, 1956	
Camindex Mines Ltd./ Glenn Explorations Ltd. (Farcroft Mines Occurrence)	August 3, 1967	
Glenn Explorations Ltd. (Zenmac Metal Mines Occurrence)	January 25, 1968	p. 3

ODM GENERAL INDEX SEARCH

Words searched:

ANSTRUTHER TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
1	ANSTRUTHER TOWNSHIP			
	Molybdenite	12	-	56
	Molybdenite	25	1	20
2	ANSTRUTHER TOWNSHIP			
	Iron	I.O.	-	222
	Molybdenite	26	-	287
4	ANSTRUTHER TOWNSHIP			
	Forest Fire	52	2	5
	Graphite	52	2	43
	Paragneiss	52	2	10
6	ANSTRUTHER TOWNSHIP			
	Gneisses	65	6	7,145
	Nepheline Syenite	69	8	35
	Uranium	65	6	77-78, 143-155
	Uranium	67	2	145
8	ANSTRUTHER TOWNSHIP			
	Iron	MRC 11		286
	Molybdenum	MRC 7		53
	Summary of Field Work 1974	MP 59		139-145
	Summary of Field Work 1975	MP 63		94-97
	Uranium	MP 19		6
	Uranium	MRC 4		56-58

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched

Index Volume	Listing:	Report Volume	Part	Page

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Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL MAPS WITHOUT REPORTS		
Carson, D.M.	1980	Paleozoic Geology of the Burleigh Falls-Peterborough Area, District of Southern Ontario; Geological Series. Geology 1979	OGS Map P.2337	1:50,000
Bright, E.G.	1981	Precambrian Geology of Anstruther Township (Northern Part) Peterborough County, Southern Ontario; Geological Series. Geology 1975,1976,1977.	OGS Map P.2422	1" = ¼ mile
Bright, E.G.	1981	Precambrian Geology of Anstruther Township (Southern Part), Peterborough County, Southern Ontario;Geological Series. Geology 1975,1976,1977.	OGS Map P.2423	1" = ¼ mile
Bright, E.G.	1980	Eels Lake Area, NTS 31D/16, Southern Ontario (Precam.)	OGS Map P.2205	1:63.360
Gibson,S.	1970	Anstruther Township, Peterborough County, Ontario Data Series	ODM Map P.607	1" = ½ mile
Hewitt, D.F. & Satterly,J.	1957	Haliburton-Bancroft Area, Province of Ontario. Revised 1972.	ODM Map 1957b	1" = 2 miles
Lumbers, S.B.	1976	Ontario Geological Map, Southern Sheet, NTS 30/NW, 31/S, 40/NE, 41/SE,(revision of map 2197)	OGS Map 2392	1" = 16 miles
Meyn, H.D. & Howarth, J.R.	1977	Molybdenum Deposits of Ontario, Southern Sheet, Southern Ontario and District of Nipissing; Compilation 1975, 1976	OGS Map P.1247	1" = 16 miles
Ontario Geological Survey	1974	Ontario Mineral Map	OGS Map 2310	1" = 25 miles

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Robertson, J.A., Gorden, J.B. and Rybak, R.	1981	Uranium and Thorium Deposits of Ontario, Southern Sheet, Southern Ontario and Nipissing, Muskoka Parry Sound, Sudbury and Manitoulin Districts; Mineral Deposits Series. Compilation 1979,1980,1981.	OGS Map P. 2424	1" = 16 miles
		GEOLOGICAL REPORTS WITH MAPS		
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Barlow, A.E.	1898	Observation on the occurrence of Corundum in Hastings, Renfrew and Peterborough Counties, Ontario (Summary Report for 1897) Accompanied by:	GSC AR Vol. X Part A GSC Map 639	p.43-61 1" = 5 miles
Geological Survey of Canada	1913	Excursions in the Eastern Townships of Quebec and Eastern Part of Ontario. Accompanied by: Map (a) Map (d)	GSC Guidebook #2 Map (d)	 1" = 2½ miles
Hewitt, D.F.	1961	Nepheline Syenite Deposits of Southern Ontario with maps 1960 E, and 1960 F.	ODM AR Vol.69 Pt.8	194 p.
Lang, A.H., Griffith, J.W. and Steacy	1962	Canadian Deposits of Uranium and Thorium Accompanied by: Map 1045A-MI, Metallogenic Map, Uranium in Canada (1958)	GSC Econ. Geology Series No.16 (Second Edition) GSC Map 1045A-MI	324 p. 1" = 120 miles

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Lindeman, E. & Bolton, L.L.	1917	Iron Ore Occurrences in Canada, Vol. 2, Canada Department of Mines, Mines Branch, with 33 maps.	DEMR/CANMET #217	222 p.
Martin, Wendy	1983	Industrial Minerals of the Algonquin Region, Ontario Geological Survey, Opern File Report. Accompanied by Maps P.2562, P.2563, P.2564, P.2565, P.2566, and P.2567	OGS OFR 5425 OGS Map P.2567	316 p. 1:125,000
Murray, A.	1845	On the Geology of the District Between Georgian Bay and the Lower Extremity of Lake Erie, With Notes on Economic Minerals with maps 30M, 31D, 40P, 41A	GSC PR 1843 (C)	
Satterly, J.	1943	Mineral Occurences in the Haliburton Area; Accompanied by:	OGS AR Vol 52 Pt2 OGS Map 52a	106 p. 1" = 2 miles
		GEOLOGICAL & TECHNICAL REPORTS WITHOUT MAPS		
Adams, F.D.	1894	Preliminary Report on the Geology of a Portion of Central Ontario Situated in the Counties of Victoria, Peterborough, and Hastings, Together with the Results of an Examination of Certain Ore Deposits Occurring in the Region. (Report for 1893)	GSC AR Vol 6, Pt J	
Bourque, M.S.	1982	Stratigraphy and Sedimentation of Carbonate Metasediments within the Grenville Supergroup in the Havelock-Madoc-Bancroft Area, in summary of Field Work (1982) edited by John Wood, Owen, L. White, R.B. Barlow, and A.C. Colvine.	OGS MP 106	p.89-91 235 p.

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Bright, E.G.	1974	Cavendish and Anstruther Townships, District of Peterborough, p.139-145 in Summary of Field Work (1974), by the Geological Branch, edited by V.G. Milne, D.F. Hewitt, and K.D. Card, Ontario Department of Mines	OGS MP 59	206 p.
Bright, E.G.	1975	Cavendish and Anstruther townships, District of Peterborough, p.94-97 in Summary of Field Work (1975), edited by V.G. Milne, D.F. Hewitt, K.D. Card, and J.A. Robertson	OGS MP 63	158 p.
Bright, E.G.	1976	Cavendish and Anstruther Townships, Peterborough County, p.122-126, in Summary of Field Work (1976) edited by V.G. Milne, W.R. Cowan, K.D. Card, and J.A. Robertson.	OGS MP 67	183 p.
Bright, E.G.	1977	Regional Structure and Stratigraphy of the Eels Lake Area, Haliburton and Peterborough Counties p.110 - 117 in Summary of Field Work (1977) edited by V.G. Milne, O.L. White, R.B. Barlow, and J.A. Robertson	OGS MP 75	208 p.
Bright, E.G.	1980	Reg. Structure and Stratigraphy of the Burleigh Falls area, Peterborough County p.67-69 in Summary of Field Work (1980) edited by V.G. Milne, O.L. White, R.B. Barlow, J.A. Robertson, and A.C. Colvine	OGS MP 96	201 p.
Campbell, Nigel	1955	Report for Zenmac Metal Mines Ltd. Dec. 10, 1955; Anstruther Assessment File #21.	Anstruther Assess. File # 21.	

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Carter, T.R., & Colvine A.C.,	1979	The Geology and Preliminary Metallogenic Classification of Metallic Mineral Deposits of The Grenville Province of Southeastern Ontario p.199-207 in Summary of Field Work (1979) edited by V.G. Milne, O.L. White, R.B. Barlow, and C.R. Kustra.	OGS MP 90	245 p.
DEMR (Mineral Policy Sector)	1980	ONT 15 (Zenmac Uranium Mine), p.109 in Canadian Mineral Deposits Not Being Mined in 1980. (1981 - updated)	DEMR/Nat.Min.Inv. Section MRI 80/7	303 p.
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Field, D.J.	1957	Mining Operations in 1957.	OGS AR Vol 67 Pt 2	183 p.
Gibson, Shirley (Editor)	1972	Annual Report of Resident Geologists' Section, Geological Branch (1971), Ontario Division of Mines.	OGS MP 50	195 p.
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Goodwin, W.L.	1903	Summer Mining Schools	OGS AR Vol 12	p. 54-61
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Guillet, G.R.	1968	Annual Report of Resident Geologists Section, Geological Branch 1967, Part 4, Southern Ontario.	OGS MP 19	33 p.
Guillet, G.R.	1969	Annual Report of Resident Geologists Section, Geological Branch, (1968), Part 4, Southern Ontario.	OGS MP 26	28 p.
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Hainsworth, W.G.	1955	Report for El Sol Mines Ltd;	Anstruther Assess File #14	
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Johnston, P.J.	1968	Molybdenum Deposits of Ontario	ODM MRC 7	98 p.
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Matten, E.E.	1977	Statistical Report on the Mineral Industry of Ontario 1971-1973,	OMNR ASR Vol 4-6	294 p.
Matten, E.E.	1978	Statistical Report on the Mineral Industry of Ontario 1974,	OMNR ASR Vol 7	210 p.
Ontario Iron Ore Committee	1923	Report of the Iron Ore Committee, With Appendix	ODM I.O.	306 p.
Papertizian, V.C. & Kingston, P.W.	1982	Chemistry of Grenville Carbonate Rocks, NTS 31D, 31E, Southern Ontario	OGS OFR 5378	

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Robertson, J.A.	1981	The Uranium Deposits of Ontario - Their Distribution and Classification,	OGS MP 86	37 p.
Rogers, W.R.	1916	Statistical Review of the Mineral Industry of Ontario for 1915	OGS AR Vol 25 Pt 1	p. 1-51
Satterly, J.	1956	Radioactive Mineral Occurrences in the Bancroft Area,	OGS AR Vol 65 Pt 6	181 p.
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Satterly, J.	1977	A Catalogue of the Ontario Localities Represented by the Mineral Collection of the Royal Ontario Museum;	OGS MP 70	464 p.
Satterly, J., & Hewitt, D.F.	1955	Some Radioactive Mineral Occurrences in the Bancroft Area, NTS 31C/13, 31D/9&16, 31F/4	ODM GC 2 (Study 002)	
Shklanka, R.	1968	Iron Deposits of Ontario	OGS MRC 11	489 p.
Traill, R.J.	1970	A Catalogue of Canadian Minerals , Department of Energy Mines and Resources	GSC Paper 69-45	649 p.
Traill, R.J.	1983	Catalogue of Canadian Minerals - Revised 1980	GSC Paper 80-18	432 p.
Trusler, J.R.	1975	1974 Report of the Algonquin Regional Geologist p.195-204 in Annual Report of the Regional and Resident Geologists 1974	OGS MP 60	241 p.

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Trusler, J.R. & Wallace K.E.	1977	1976 Report of the Algonquin Regional Geologist p.115-122 in Annual Report of the Regional and Resident Geologists, 1976 edited by C.R. Kustra	OGS MP 71	142 p.
Trusler, J.R., & Villard D.J.	1978	1977 Report of Algonquin Regional Geologist p.100-108 in Annual Report of the Regional and Resident Geologists 1977, edited by C.R. Kustra	OGS MP 78	121 p.
Trusler, J.R. & Villard D.J.	1979	1978 Report of Algonquin Regional Geologist p.108-115 in Annual Report of the Resident and Regional Geologists, 1978 edited by C.R. Kustra.	OGS MP 84	135 p.
Villard, D.J.	1980	1979 Report of the Algonquin Regional Mineral Resource Co-Ordinator p.117-122 in Annual Report of the Regional and Resident Geologists, 1979, edited by C.R. Kustra	OGS MP 91	143 p.
Villard, D.J.& Meyn, H.D.	1982	1981 Report of the Algonquin Region p.148-156 in Annual Report of the Regional and Resident Geologists 1981, edited by C.R. Kustra.	OGS MP 101	184 p.
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Bostock, H.S.	1969	Physiographic Regions of Canada	GSC Map 1254A	1:5,000.000
Chapman, L.J. & Putnam D.F.	1966	The Physiography of Southern Ontario Published for the Ontario Research Foundation by University of Toronto Press,Toronto, Ontario. 2nd Ed. Accompanied by maps2226,2227,. (5 maps)	OGS Map 2226	1:250,000

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Chapman, L.J.	1975	The Physiography of the Georgian Bay-Ottawa Valley Area of Southern Ontario. Accompanied by:	ODM Geoscience Rep. 128, OGS Map 2228	33 p. 1" = 4 miles
		TOPOGRAPHIC MAPS		
Department of Energy, Mines and Resources, Surveys and Mapping Branch	1971	Gooderham (31D/16)		1:50,000
"	1965	Bobcaygeon, Ontario (31D/NE)		1:125,000
"	1974	Lake Simcoe, Ontario (31D)		1:250,000
		GEOCHEMICAL		
		No Data as of March 1984.		
		GEOPHYSICAL		
Geological Survey of Canada	1953	Burleigh Falls, Peterborough County, Ontario Aeromagnetic Map.	GSC Map 103 G	1" = 1 mile
"	1953	Gooderham, Peterborough Haliburton and Hastings Counties. Aeromagnetic Map	GSC Map 146G	1" = 1 mile
"	1981	Lake Simcoe, Ontario, Geophysical Series, Aeromagnetic Map	GSC Map 1053 G	1:250,000

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"	1981	Eastern Ontario-Western Quebec Region, Magnetic Anomaly Map Series Map. (Residual Total Field)	GSC Map 1562A	1:1,291,806
Ontario Department of Mines - Geological Survey of Canada	1978	Airborne Gamma-Ray Spectrometric Maps and Profiles, Lake Simcoe Ontario. Geophysical Series.	OGS Maps P.1766-P.1804	1:250,000
			GSC Map 35431G	1:250,000
"	1972	Great Lakes - Ottawa River Sheet, Algoma,Sudbury Timiskaming, Nipissing, and Manitoulin Districts and Southern Ontario. Aeromagnetic Compilation Map.	GSC Map P.800	1" = 16 miles
		MINERAL POTENTIAL MAPS		
Robertson, J.A., Bright, E.G., Gordon, J.B., Springer, J.S., & MacDonald C.A.	1979	Uranium Mineral Potential Charts for Parts of Southern Ontario. (1977 and 1978 compilation) Charts A to I inclusive	OGS Open File 5260 Chart F	1" = 2 miles
Springer, Janet,	1976	Ontario Mineral Potential, Lake Simcoe Sheet, District of Muskoka, and Counties of Simcoe, York, Durham, Northumberland, Peterborough, Victoria, Haliburton, and Dufferin. Mineral Deposit Series. Complilation 1976	OGS Map P.1506	1" = 4 miles
Springer, J.S., Robertson J.A. & Vos, M.A.	1982	Mineral Potential Map of Ontario 1979: Southern Sheet. Accompanied By one overlay. Compilation 1979	OGS Open File 5328	1" = 16 miles

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Author	Date	Title	Reference	Map Scales and/or Report Pages

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NOTES AND ADDENDA

GDIF FORM NO.10

Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

(Map 1 of 3)

to accompany GEOLOGICAL DATA

INVENTORY FOLIO 168

ANSTRUTHER TOWNSHIP

COUNTY OF PETERBOROUGH

Scale 1:31 680

Miles 0 0.5 0 0.5 1 Mile

Kilometres 0 0.5 0 0.5 Kilometre

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing on text pages.

Small area of exploration data

Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
PROPERTY LOCATION MAP
(Map 2 of 3)
to accompany GEOLOGICAL DATA
INVENTORY FOLIO 168

ANSTRUTHER TOWNSHIP

COUNTY OF PETERBOROUGH

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

- ⊠ 1 B — Reference number is always inside work area outlined. See listing in text pages.
- □ x 4 — Small area of exploration data.
- □ —

Ministry of Natural Resources
Ontario

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 168

(Map 3 of 3)

ANSTRUTHER TOWNSHIP

COUNTY OF PETERBOROUGH

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- Property with drill holes which have not been plotted on map, with reference number
- Reverse Circulation Drill Hole; Churn drilling, with reference number

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number
- Geochemical Anomaly

GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly, Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- Airborne Radiometric Anomaly
- Ground Magnetometer Anomaly
- Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq. Turam; JEM Crone EM - 16)
- Ground Radiometric Anomaly
- Induced Polarization Anomaly
- Self Potential Anomaly
- Audio-frequency magnetometer anomaly (total intensity)
- Resistivity Anomaly
- Gravity Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.